AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (Currently Amended): An analysis system comprising:

- a sample rack in which plural samples dissolved in protonated solvent are accommodated;
- a turntable for carrying sample containers and incrementally rotating to present the sample containers at various stations;
 - a sample container supply means for supplying sample containers;
- a sample aspirating-and-dispensing means for aspirating each sample from said sample rack and dispensing said sample into said sample container;
- a solvent-removing means for evaporating off the protonated solvent from each sample and drying and solidifying the sample comprising nozzles for removal of the solvent by injecting gas into the sample container, the depth of the insertion of the nozzles into the sample container being increased as the progress of removal;
 - a source of deuterated solvent;
- a solvent-dispensing means for dispensing a deuterated solvent from said source into each dried and solidified sample;
- a sample-stirring means for stirring the sample in which said deuterated solvent has been dispensed;
- a sample aspirating-and-transferring means for aspirating each sample dissolved in said deuterated solvent and transferring sample into a measuring portion;
- a sample recovery means for recovering the sample into a sample container from said measuring portion after measurement;
- a sample container recovery means for recovering the sample container in which the investigated sample has been recovered; and
 - a control means for controlling <u>all of</u> the aforementioned various means.

Claim 2 (Original): The analysis system of claim 1, wherein said plural samples are successively supplied from a high performance liquid chromatograph.

Paper Dated November 30, 2006

Reply to Office Action of Nov. 2, 2006

Attorney Docket No. 0116-011833

Claim 3 (Original): The analysis system of claim 2, wherein the samples

supplied from said high performance liquid chromatograph are separately taken into a

fraction collector of said high performance liquid chromatograph and then supplied

successively to a sample rack via tubes in communication with said sample rack.

Claim 4 (Original): The analysis system of claim 1, wherein said solvent-

removing means comprises a sample container temperature-adjusting means for adjusting the

temperature of the sample container to a desired temperature and a gas blowout means for

blowing a regulated flow rate of gas against the sample, the gas being adjusted to a desired

temperature.

Claim 5 (Previously Presented): The analysis system of claim 1, wherein said

deuterated solvent contains plural kinds, and wherein said solvent-dispensing means is

capable of selecting a desired one out of the plural kinds of said deuterated solvent and

dispensing the selected kind of said second solvent.

Claim 6 (Original): The analysis system of claim 1, wherein each sample

aspirated and transferred by said sample aspirating-and-transferring means is subjected to

measurement and then the sample is pushed out of the measuring portion by a gas under

pressure, whereby the sample is recovered into a sample container.

Claim 7 (Original): The analysis system of claim 1, wherein the rack for

holding the sample container recovered by said sample container recovery means is of

microplate size.

Claim 8 (Original): The analysis system of claim 1, wherein said samples are

solutions including said first solvent.

Claim 9 (Withdrawn): An analysis method comprising the steps of:

placing plural samples in a sample rack;

supplying sample containers;

aspirating each sample from said sample rack and dispensing the sample into

said sample container;

{W0318480.1}

Page 3 of 9

Paper Dated November 30, 2006

Reply to Office Action of Nov. 2, 2006

Attorney Docket No. 0116-011833

evaporating off a first solvent from each sample and drying and solidifying the

sample;

dispensing a second solvent into each sample dried and solidified;

stirring each sample in which said second solvent has been dispensed;

aspirating the sample in which said second solvent has been dispensed and

transferring the sample into a measuring portion;

recovering the investigated sample into said sample container after

measurement; and

recovering said sample containers in which the samples have been recovered.

Claim 10 (Withdrawn): The analysis method of claim 9, further comprising

the step of skipping desired ones of said steps.

Claim 11 (Withdrawn): The analysis method of claim 9, wherein said samples

are solutions including said first solvent.

Claim 12 (Currently Amended): An analysis system comprising:

a sample container supply means for supplying sample containers each

holding a sample dissolved in protonated solvent therein;

a turntable for carrying sample containers and incrementally rotating to

present the sample containers at various stations;

a solvent-removing means for evaporating off the protonated solvent in the

supplied sample containers and drying and solidifying each sample comprising nozzles for

removal of the solvent by injecting gas into the sample container, the depth of the insertion of

the nozzles into the sample container being increased as the progress of removal;

a source of deuterated solvent:

a solvent-dispensing means for dispensing a deuterated solvent from said

source into each dried and solidified sample;

a sample-stirring means for stirring each sample in which said deuterated

solvent has been dispensed;

a sample aspirating-and-transferring means for aspirating each sample

dissolved in said deuterated solvent and transferring the aspirated sample into a measuring

portion;

{W0318480.1}

Page 4 of 9

Paper Dated November 30, 2006

Reply to Office Action of Nov. 2, 2006

Attorney Docket No. 0116-011833

a sample recovery means for recovering the sample into a sample container

from said measuring portion after measurement;

a sample container recovery means for recovering the sample containers in

which the investigated samples have been recovered; and

a control means for controlling all of the above-described various means.

Claim 13 (Original): The analysis system of claim 12, wherein said solvent-

removing means comprises a sample container temperature-adjusting means for adjusting the

temperature of the sample container to a desired temperature and a gas blowout means for

blowing a regulated flow rate of gas against the sample, the gas being adjusted to a desired

temperature.

Claim 14 (Previously Presented): The analysis system of claim 12, wherein

said deuterated solvent contains plural kinds, and wherein said solvent-dispensing means is

capable of selecting a desired one out of the plural kinds of said deuterated solvent and

dispensing it.

Claim 15 (Original): The analysis system of claim 12, wherein the sample

aspirated and transferred by said aspirating-and-transferring means is subjected to

measurement and then the sample is pushed out of the measuring portion by a gas under

pressure, whereby the sample is recovered into the sample container.

Claim 16 (Original): The analysis system of claim 12, wherein a rack for

accommodating the sample containers recovered by said sample container recovery means is

of microplate size.

Claim 17 (Original): The analysis system of claim 12, wherein said samples

are solutions including said first solvent.

Claim 18 (Withdrawn): An analysis method comprising the steps of:

supplying sample containers each holding a sample therein;

evaporating off a first solvent from the sample in each supplied sample

container and drying and solidifying the sample;

{W0318480.1}

Page 5 of 9

Application No. 10/004,259
Paper Dated November 30, 2006
Reply to Office Action of Nov. 2, 2006
Attorney Docket No. 0116-011833

dispensing a second solvent into each sample dried and solidified;

stirring each sample in which said second solvent has been dispensed;

aspirating each sample dissolved in said second solvent and transferring the sample into a measuring portion;

recovering each sample into a sample container from said measuring portion after measurement; and

recovering the sample containers in which the investigated samples have been recovered.

Claim 19 (Withdrawn): The analysis method of claim 18, further comprising the step of skipping desired ones of said steps.

Claim 20 (Withdrawn): The analysis method of claim 18, wherein said samples are solutions containing said first solvent.

Claim 21 (Currently Amended): An analysis system comprising:

- a sample container supply means for supplying sample containers each holding a sample dissolved in protonated solvent therein;
- a turntable for carrying sample containers and incrementally rotating to present the sample containers at various stations;
- a solvent-removing means for evaporating off a first solvent from each sample and drying and solidifying the sample comprising nozzles for removal of the solvent by injecting gas into the sample container, the depth of the insertion of the nozzles into the sample container being increased as the progress of removal;
 - a source of deuterated solvent;
- a solvent-dispensing means for dispensing a deuterated solvent from said source into each sample container;
- a sample-stirring means for stirring each sample in which said deuterated solvent has been dispensed;
- a sample aspirating-and-transferring means for aspirating each sample dissolved in said deuterated solvent and transferring the sample into a measuring portion;
- a sample recovery means for recovering the sample into a sample container from said measuring portion after measurement;

{W0318480.1}

Paper Dated November 30, 2006

Reply to Office Action of Nov. 2, 2006

Attorney Docket No. 0116-011833

a sample container recovery means for recovering each sample container in

which the investigated sample has been recovered; and

a control means for controlling all of the above-described various means.

Claim 22 (Previously Presented): The analysis system of claim 21, wherein

said deuterated solvent contains plural kinds, and wherein said solvent-dispensing means is

capable of selecting a desired one out of the plural kinds of said deuterated solvent and

dispensing it.

Claim 23 (Original): The analysis system of claim 21, wherein the sample

aspirated and transferred by said aspirating-and-transferring means is subjected to

measurement and then pushed out of said measuring portion by a gas under pressure,

whereby the sample is recovered into said sample container.

Claim 24 (Original): The analysis system of claim 21, wherein the rack for

holding the sample containers recovered by said sample container recovery means is of

microplate size.

Claim 25 (Previously Presented): The analysis system of claim 21, wherein

the samples are solutions dissolved in said deuterated solvent or are a solid.

Claim 26 (Withdrawn): An analysis method comprising the steps of:

supplying sample containers each holding a sample therein;

dispensing a second solvent into each sample container;

stirring the sample in which said second solvent has been dispensed;

aspirating each sample containing said second solvent and transferring the

sample into a measuring portion;

recovering each sample into a sample container from said measuring portion

after measurement; and

recovering each sample container in which the investigated sample has been

recovered.

{W0318480.1}

Page 7 of 9

Paper Dated November 30, 2006

Reply to Office Action of Nov. 2, 2006

Attorney Docket No. 0116-011833

Claim 27 (Withdrawn): The analysis method of claim 26, further comprising

the step of skipping desired ones of said steps.

Claim 28 (Withdrawn): The analysis method of claim 26, wherein the

samples are solutions dissolved in said second solvent or are a solid.

Claim 29 (Withdrawn): The analysis system of claim 1, 12, or 21, wherein

said first solvent is a protonated solvent, and wherein said second solvent is a deuterated

solvent.

Claim 30 (Withdrawn): The analysis method of claim 9, 18, or 26, wherein

said first solvent is a protonated solvent, and wherein said second solvent is a deuterated

solvent.

Claim 31 (Withdrawn): The analysis system of claim 1, 12, or 21, wherein the

aforementioned various means are set at the site of given positions on a turntable, and

wherein the process is made to proceed by rotating said turntable carrying the sample

containers thereon incrementally.

Claim 32 (Withdrawn): The analysis method of claim 9, 18, or 26, wherein

the aforementioned various steps are carried out in given positions on a turntable, and

wherein the process is made to proceed by rotating said turntable carrying the sample

containers thereon incrementally.

 $\{W0318480.1\}$

Page 8 of 9